

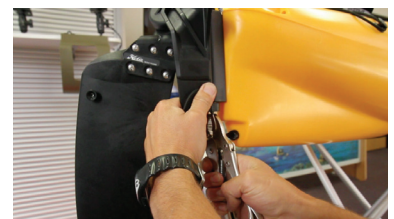
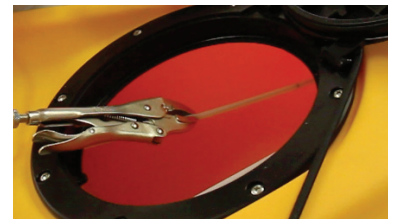
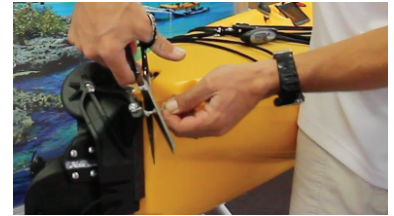
Installation Guide for Dynamic Island Rudder For the Mirage Adventure Island and Mirage Tandem Island.

part #88991098

This guide is best used in combination with the installation video located at www.hobiecat.com/r/irr

1. Remove Twist-n-stow rudder:

- a. Using scissors or a sharp knife cut the steering lines near the rudder head.
- b. Pinch the up/down line tubes with pliers and hold to keep the Bungee from pulling the line through rapidly when it is cut at the rudder head. With the up/down tubes pinched, cut the up/down lines near the rudder head. Release the pliers slowly to keep the control lines from moving rapidly through the tube.
- c. Remove the control line tubes from the hull by pushing out from the inside (using a flat head screw driver if necessary).
- d. Remove the rudder pin by squeezing the bottom of the pin with pliers and pushing up. Then remove rudder.



2. Install the new Dynamic Island Rudder:

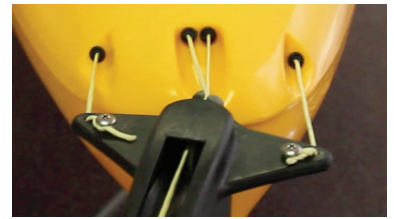
- a. Ensure that the gudgeon screws are tight.
- b. Place rudder over existing gudgeon and fully install the rudder pin.
- c. Install small key ring through bottom of the rudder pin.



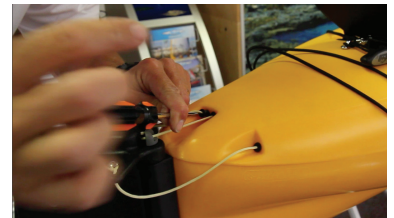
d. Install the left and right steering lines and tubes.



e. Install the up and down control lines and tubes. Note that the up line comes out of the upper hole and goes into the left or port side hole. The down line exits the lower hole in the rudder and enters the kayak in the right or starboard hole.



f. Tap in the four control line tube covers (small black plastic parts) into the hull using a flat head screw driver and small hammer.

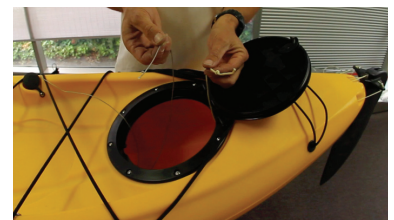


3. Connect the steering lines to the Dynamic Island Rudder:

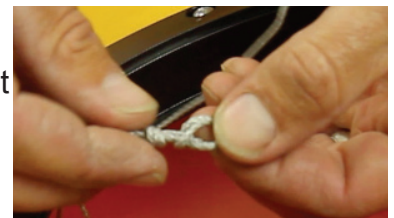
a. Locate the steering control lines that run to the steering tillers in the rear 8" hatch. Verify that they are the correct lines by pulling them and seeing the tillers move back and forth.



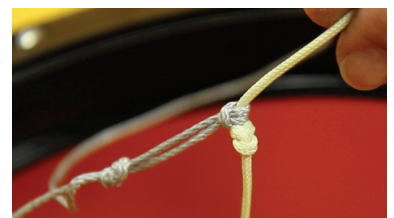
b. For correct steering, it is important to connect the correct tiller line (grey smaller lines leading to the tiller) to the corresponding rudder line (heavier yellow lines leading to the rudder). Find the correct lines to connect together by choosing the tiller line that pulls the tillers to the right and then the rudder line that pulls the rudder to the left. These are the lines that need to be connected first. The remaining tiller line will attach to the remaining rudder line.



c. Tie an "overhand loop cinch" knot in the steering line as shown so that the knot will reside near the middle of the 8" hatch opening.



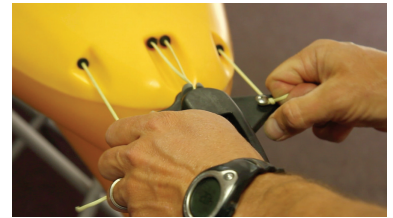
d. Put the rudder line through the cinch, past the second knot for Tandem Island (first knot for Adventure Island), and pull tight to connect the lines.



e. Repeat this procedure with the remaining tiller line and remaining rudder line.

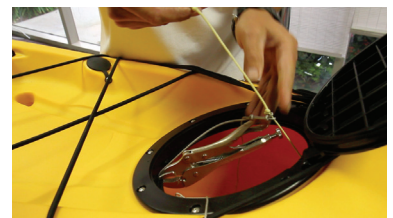
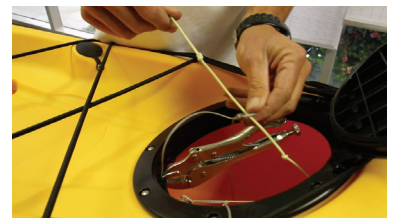
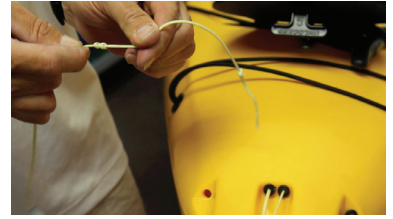


- f. Center and tighten the steering control by pulling on the lines at the tiller and tightening the screws. Ensure that the rudder and tillers are centered and lines are tight.



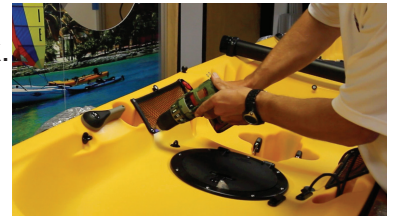
4. Connect the up / down control lines:

- a. For Adventure Island conversions, untie the second knot in both the up and down lines coming from the rudder.
- b. Secure the rudder in the up position using the included red webbing and Bungee.
- c. Locate the up control line leading to the T-handle controls in the boat. It is on the left or port side. Pull this line, stretching Bungee, until it becomes tight and secure with pliers.
- d. Tie an “overhand loop cinch” knot in the up control line so that the loop is located just beyond the aft edge of the 8” hatch.
- e. Locate the up control line leading to the rudder. It comes out of the left or port side hole and pulling it raises the rudder.
- f. Put up rudder control line through the cinch and past the second knot for the Tandem Island and past the first knot for the Adventure Island (second knot must be untied). Pull and tighten the cinch.
- g. Remove webbing Bungee from rudder and lower the rudder blade.
- h. Repeat procedures (c) through (f) for the down control line.



1. Attach up control cleats (two for Tandem Island and one for the Adventure Island).

a. Remove aft-most screw on the bottom of the port (left side) map pocket.



b. Reinstall screw through the cleat. Ensure that the cleat opening is pointed down. Take care not to over-tighten and strip the thread in the screw.



c. Install the second screw through the remaining hole in the cleat. Have the screw enter the middle of the map pocket frame. Take care not to over-tighten and strip the thread in the screw.



2. Test the steering and up / down function of the rudder. If all is working properly, cut the excess line tails from all of the steering and up / down controls. Tie a knot in the line before cutting to prevent line fray. Installation of your new Sail Rudder is now complete.

